RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

Source:

Date Processed by STIC:

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PCT

RAW SEQUENCE LISTING DATE: 07/11/2005
PATENT APPLICATION: US/10/540,971 TIME: 15:05:25

Input Set : A:\01640393aa.txt

Output Set: N:\CRF4\07112005\J540971.raw

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3 <110> APPLICANT: Whaley, Cory M.
             Wilson, Henry P.
             Westwood, James H.
      7 <120> TITLE OF INVENTION: Gene Encoding Resistance to Acetolactate Synthase-Inhibiting
             Herbicides
     10 <130> FILE REFERENCE: 01640393aa
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/540,971
C--> 12 <141> CURRENT FILING DATE: 2005-06-27
     12 <150> PRIOR APPLICATION NUMBER: US 60/438,801
     13 <151> PRIOR FILING DATE: 2003-01-09
     15 <150> PRIOR APPLICATION NUMBER: PCTUS04/00363
     16 <151> PRIOR FILING DATE: 2004-01-09
     18 <160> NUMBER OF SEQ ID NOS: 8
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     64 tgtggtgatg ttaaagtggc attacagggg ttgaataaga ttttggaatc tagaaaagga
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     66 aaggtgaaat tggatttctc taattggagg gaggagttga atgagcagaa aaagaagttt
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     68 cctttqaqtt ttaaqacttt cggggatgca attcctccqc aatacgccat tcaggttctt
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     70 gacgagttga cgaagggcga tgcggttgta agtactggtg ttgggcagca ccaaatgtgg
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1440

Input Set : A:\01640393aa.txt

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82 tocaattott cogaaatott cooggatatg otcaaatttg otgaagcatg tgatatacca
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84 gcagcccgtg ttaccaaggt gagcgattta agggctgcaa ttcaaacaat gttggatact
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118 Arg Asn Val Leu Pro Arg His Glu Gln Gly Val Phe Ala Ala Glu
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                                            155
135 145
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146 Pro Val Leu Ile Asp Ile Pro Lys Asp Ile Gln Gln Leu Val Val
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Output Set: N:\CRF4\07112005\J540971.raw

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178	Arq	Phe	Asp	Glu	Arq	Val	Thr	Gly	Lys	Leu	Glu	Ala	Phe	Ala	Ser	Arq	
179			•		325			•	-	330					335	J	
	Ala	Lvs	Ile	Val	His	Ile	Asp	Ile	Asp	Ser	Ala	Glu	Ile	Glv	Lvs	Asn	
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187		U	355					360	0-1			-1-	365				
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		Ser	Phe	T.ve	Thr		Glv	Asp	Δla	Tle		Pro	Gln	Tur	Δla		
199	Leu	502	1110	2,5	405	1110	011	1100		410				-]	415		
	Gln	Val	T.211	Δsn		T.e.11	Thr	Lys	ឲាស		Δla	Val	Val	Ser		Glv	
202	GIII	vai	Deu	420	GIU	пец	1111	цуз	425	изр	лια	Vai	vai	430	1111	Cry	
	บรา	G1 v	G3 n		Gln	Mot	Trn	Ala		Gln	Dhe	Туг	Luc		Δra	Δen	
207	vai	Gry	435	1113	GIII	Mec	пр	440	лια	GIII	FIIC	TYL	445	1 y L	n. 9	ASII	
	Dro	7~~		Trn	Lou	Thr	Cor	Gly	Clv	Lou	Glw	ת 1 ת		Clv	Dho	Clv	
211	PIO	450		пр	цец	1111	455	GIY	GIY	пец	Gry	460	MEC	Сту	FILE	GIY	
	Lon			717	Tlo	Clar		Ala	1727	λla	λκα		Λcn	בות	W=1	U = I	
	465	PIO	AIA	АТА	116	470	Ата	Ата	vai	ΑΙα	475	FIU	ьэр	Ата	vaı	480	
		Λcn	Tlo	7 cn	C137		Clv	Ser	Dho	Tla	-	Λan	17 a l	Gln	Clu		
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	λla	Thr	Tla	λνα		Glu	Λcn	Leu	Dro		Lve	בוד	Mot	T.A11		Δen	
223	ліа	1111	116	500	vai	GIU	Poli	пец	505	vai	шуз	110	Mec	510	пси	ASII	
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239		••••	• • • •		565		001	1100		570				· · · · ·	575		
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Input Set : A:\01640393aa.txt

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Input Set : A:\01640393aa.txt

Output Set: N:\CRF4\07112005\J540971.raw

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383	011		195	Lea		ı.bp		200	270	P		0111	205	0111		
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387	vai	210	ABII	115	OIU	OIII	215	110	цу	ncu.	Ory	220	- 7 -	шец	OCI	**** 9
	Leu		Lvc	Dro	Thr	Tr. cr		ת דת	Λcn	clu.	Clu		Lou	T.011	λen	Gln
	225	FIU	пуз	FIO	1111	230	Ser	Αια	A511	Giu	235	Gry	шец	пси	дор	240
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399	m1	a 1	T 1 -	260	77-7	77.	0	ml		14 - L	a1	T	α1		Dha	Desc
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411 414 415 418 419 422 423 426 427 430 431 434 435 438 439 442 443	305 Val Arg Asn Gln Asp 385 Pro	Arg Ala Lys Gly 370 Phe Leu Gln Val	Phe Lys Gln 355 Leu Ser Val Gly 435	Asp Ile 340 Pro Asn Asn Phe Leu 420 Gln	Asp 325 Val His Lys Trp Lys 405 Asp	310 Arg His Val Ile Arg 390 Thr Glu	Val Ile Ser Leu 375 Glu Phe Leu Met	Thr Asp Ile 360 Glu Glu Gly Thr Trp 440	Gly Ile 345 Cys Ser Leu Asp Lys 425 Ala	Lys 330 Asp Gly Arg Asn Ala 410 Gly	315 Leu Ser Asp Lys Glu 395 Ile Asp Gln	Glu Ala Val Gly 380 Gln Pro Ala Phe	Ala Glu Lys 365 Lys Lys Pro Val Tyr 445	Phe Ile 350 Val Val Lys Gln Val 430 Lys	Ala 335 Gly Ala Lys Lys Tyr 415 Ser	320 Ser Lys Leu Leu Phe 400 Ala Thr
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411 414 415 418 419 422 423 426 427 430 431 435 438 439 442 443 446 447 450 451	305 Val Arg Asn Gln Asp 385 Pro Ile Gly Asn Gly 465	Arg Ala Lys Gly 370 Phe Leu Gln Val Pro 450 Leu	Phe Lys Gln 355 Leu Ser Val Gly 435 Arg	Asp Ile 340 Pro Asn Asn Phe Leu 420 Gln Gln	Asp 325 Val His Lys Trp Lys 405 Asp His Trp	Arg His Val Ile Arg 390 Thr Glu Gln Leu Ile 470	Val Ile Ser Leu 375 Glu Phe Leu Met Thr 455 Gly	Thr Asp Ile 360 Glu Glu Gly Thr Trp 440 Ser Ala	Gly Ile 345 Cys Ser Leu Asp Lys 425 Ala Gly Ala	Lys 330 Asp Gly Arg Asn Ala 410 Gly Ala Gly Val	315 Leu Ser Asp Lys Glu 395 Ile Asp Gln Leu Ala 475	Glu Ala Val Gly 380 Gln Pro Ala Phe Gly 460 Arg	Ala Glu Lys 365 Lys Lys Pro Val Tyr 445 Ala Pro	Phe Ile 350 Val Val Lys Gln Val 430 Lys Met Asp	Ala 335 Gly Ala Lys Lys Tyr 415 Ser Tyr Gly Ala	320 Ser Lys Leu Leu Phe 400 Ala Thr Arg Phe

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/540,971

DATE: 07/11/2005 TIME: 15:05:26

Input Set : A:\01640393aa.txt

Output Set: N:\CRF4\07112005\J540971.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date